

# Andres Gadea

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	AGATA—Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58. Search for the Pygmy Dipole Resonance in	1.6	378
2	$\text{Ni} \text{ at } \text{MeV}$	7.8	229
3	Quasifission processes in $\text{Ca}_{40} + \text{Sm}_{144}$ reactions. Physical Review C, 2007, 75, .	2.9	150
4	Evidence for a spin-aligned neutron—proton paired phase from the level structure of $^{92}\text{Pd}$ . Nature, 2011, 469, 68-71.	27.8	140
5	Shell effects in fission and quasi-fission of heavy and superheavy nuclei. Nuclear Physics A, 2004, 734, 136-147.	1.5	132
6	Transition Probabilities in $^{134}\text{Pr}$ : A Test for Chirality in Nuclear Systems. Physical Review Letters, 2006, 96, 052501.	7.8	124
7	Sub-barrier fusion of the magic nuclei $^{40}\text{Ca} + ^{48}\text{Ca}$ . Physical Review C, 2001, 65, .	2.9	120
8	Fusion of $\text{Ca}_{48} + \text{Zr}_{90}$ above and below the Coulomb barrier. Physical Review C, 2006, 73, .	2.9	119
9	Conceptual design and infrastructure for the installation of the first AGATA sub-array at LNL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 88-96.	1.6	117
10	Multinucleon transfer reactions in closed-shell nuclei. Physical Review C, 2007, 76, .	2.9	116
11	Onset of collectivity in neutron-rich Fe isotopes: Toward a new island of inversion?. Physical Review C, 2010, 81, .	2.9	109
12	Coupling a CLOVER detector array with the PRISMA magnetic spectrometer. European Physical Journal A, 2003, 20, 193-197.	2.5	106
13	A $^4\text{He}$ light-charged particle Si detector as a trigger device for in-beam $^3\text{He}$ -ray spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 97-102.	1.6	97
14	Sub-barrier fusion of $^{40}\text{Ca} + ^{48}\text{Ca}$	2.9	94
15	Sub-barrier fusion of $^{40}\text{Ca} + ^{48}\text{Ca}$	2.9	94
16	Multinucleon transfer processes in $\text{Ca}_{40} + \text{Pb}_{208}$ . Physical Review C, 2005, 71, .	2.9	93
17	Delayed alignment in the $N = Z$ nucleus $^{72}\text{Kr}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 217-222.	4.1	83
18	Single and pair neutron transfers at sub-barrier energies. Physical Review C, 2011, 84, .	2.9	81

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19	Measurements of the Neutron-Rich $^{30}\text{N}$ Isotones $^{30}\text{Ca}$ <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mi&gt;N&lt;/mml:mi&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mn&gt;30&lt;/mml:mn&gt;&lt;/mml:math&gt; Isotones &lt;mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mmultiscripts&gt;&lt;mml:mi&gt;Ca&lt;/mml:mi&gt;&lt;mml:mprescripts /&gt;&lt;mml:none /&gt;&lt;mml:mrow&gt;&lt;mml:mn&gt;50&lt;/mml:mn&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</small>	7.8	78
20	Conceptual design and Monte Carlo simulations of the AGATA array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 331-343.	1.6	77
21	Coulomb Energy Differences in $T=1$ Mirror Rotational Bands in $^{50}\text{e}$ and $^{50}\text{r}$ . Physical Review Letters, 2001, 87, 122501.	7.8	76
22	Candidate chiral twin bands in the odd-odd nucleus $^{132}\text{Cs}$ : Exploring the limits of chirality in the mass $A \approx 130$ region. Physical Review C, 2003, 68, .	2.9	76
23	Precise DSAM lifetime measurements in $^{48}\text{Cr}$ and $^{50}\text{Cr}$ as a test of large scale shell model calculations. Nuclear Physics A, 1998, 642, 387-406.	1.5	71
24	Observation of a core-excited $E4$ isomer in $^{98}\text{Cd}$ . Physical Review C, 2004, 69, .	2.9	71
25	Fusion suppression in mass-asymmetric reactions leading to Ra compound nuclei. Physical Review C, 2003, 68, .	2.9	70
26	Magnetic rotation in the $^{105}\text{Sn}$ nucleus. Physical Review C, 1997, 55, R1-R4.	2.9	69
27	Pulse pileup correction of large NaI(Tl) total absorption spectra using the true pulse shape. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 430, 488-497.	1.6	67
28	Unusual Isospin-Breaking and Isospin-Mixing Effects in the $A=35$ Mirror Nuclei. Physical Review Letters, 2004, 92, 132502.	7.8	65
29	Conceptual design of the AGATA $\gamma$ -array at GANIL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 855, 1-12. <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0005.gif" overflow="scroll"&gt;&lt;mml:mrow&gt;&lt;mml:mn&gt;1&lt;/mml:mn&gt;&lt;mml:mi&gt;Ë&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt; array</small>	1.6	64
30	Stability of the $N=50$ shell gap in the neutron-rich Rb, Br, Se, and Ge isotones. Physical Review C, 2004, 70, .	2.9	62
31	Question of dynamic chirality in nuclei: The case of $^{134}\text{Pr}$ . Physical Review C, 2007, 76, . <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mmultiscripts&gt;&lt;mml:mi mathvariant="normal"&gt;Pr&lt;/mml:mi&gt;&lt;mml:mprescripts /&gt;&lt;mml:none /&gt;&lt;mml:mrow&gt;&lt;mml:mn&gt;134&lt;/mml:mn&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</small>	2.9	62
32	The large-area micro-channel plate entrance detector of the heavy-ion magnetic spectrometer PRISMA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 455-463.	1.6	61
33	Spectroscopy of odd-mass cobalt isotopes toward the $N=40$ subshell closure and shell-model description of spherical and deformed states. Physical Review C, 2012, 85, . <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;N&lt;/mml:mi&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mn&gt;40&lt;/mml:mn&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</small>	2.9	61
34	Monte Carlo simulation of the response of a large NaI(Tl) total absorption spectrometer for $\beta^2$ -decay studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 430, 333-347.	1.6	60
35	Inelastic Scattering of $^{208}\text{Pb}$ via <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:mmultiscripts&gt;&lt;mml:mi&gt;Pb&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mprescripts /&gt;&lt;mml:none /&gt;&lt;mml:mrow&gt;&lt;mml:mn&gt;208&lt;/mml:mn&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</small>	7.8	59
36	Unexpected entrance-channel effect in the fission of $^{216}\text{Ra}^*$ . Physical Review C, 2003, 67, .	2.9	58

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37	Effective Charges in the fp Shell. Physical Review Letters, 2004, 93, 222501.	7.8	58
38	Pygmy dipole resonance in $^{124}\text{Sn}$ populated by inelastic scattering of $^{17}\text{O}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 519-523.	4.1	57
39	$\beta^2$ decay of $^{97}\text{Ag}$ : Evidence for the Gamow-Teller resonance near $^{100}\text{Sn}$ . Physical Review C, 1999, 60, .	2.9	56
40	$\beta^3$ spectroscopy of calcium nuclei around doubly magic $^{48}\text{Ca}$ using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	2.9	56
41	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
42	Light and heavy transfer products in $^{136}\text{Xe} + ^{238}\text{U}$ multinucleon transfer reactions. Physical Review Letters, 2012, 109, 162502.	7.8	56
43	The focal plane detector of the magnetic spectrometer PRISMA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 551, 364-374.	1.6	54
44	Shape transitions far from stability: The nucleus $^{58}\text{Cr}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 696-700.	4.1	54
45	Response function of the magnetic spectrometer PRISMA. European Physical Journal A, 2011, 47, 1.	2.5	54
46	First Evidence of Magnetic Rotation in the $A=80$ Region. Physical Review Letters, 1999, 82, 4408-4411.	7.8	53
47	Interplay between single-particle and collective excitations in argon isotopes populated by transfer reactions. Physical Review C, 2011, 84, .	2.9	53
48	Proton-Hole State in $^{132}\text{Sn}$ . Physical Review Letters, 2014, 112, .	7.8	51
49	Collective nature of low-lying excitations in $^{70}\text{Zn}$ and $^{72}\text{Zn}$ . Physical Review Letters, 2014, 112, .	2.9	50
50	from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	2.9	50
50	Glial transporters for glutamate, glycine, and GABA III. Glycine transporters. Journal of Neuroscience Research, 2001, 64, 218-222.	2.9	48
51	Lifetime measurements of excited states in neutron-rich $^{44}\text{Ar}$ and $^{46}\text{Ar}$ . Physical Review C, 2010, 82, .	2.9	48
52	Probing the nature of particle-core couplings in $^{49}\text{Ca}$ with $\beta^3$ spectroscopy and heavy-ion transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 288-293.	4.1	48
53	Emission of unbound $^8\text{Be}$ and $^{12}\text{C}^*(0+2)$ clusters in compound nucleus reactions. European Physical Journal A, 2005, 23, 19-31.	2.5	47
54	Spectroscopy of neutron-rich $^{59}\text{Mn}$ and $^{63}\text{Mn}$ . Physical Review C, 2008, 78, .	2.9	47

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55	Particle octupole-vibration coupling near 208Pb. European Physical Journal A, 2000, 8, 161.	2.5	46
56	Position resolution of the prototype AGATA triple-cluster detector from an in-beam experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 555-562.	1.6	46
57	High-spin states in the odd-odd $N=Z$ nucleus $^{50}\text{Mn}$ . Physical Review C, 1998, 58, R2621-R2625.	2.9	45
58	STRUCTURE OF NEUTRON-RICH NUCLEI FROM DEEP-INELASTIC REACTIONS. International Journal of Modern Physics E, 2004, 13, 123-126.	1.0	45
59	Evidence for Nontermination of Rotational Bands in $^{74}\text{Kr}$ . Physical Review Letters, 2005, 95, 232501.	7.8	44
60	Interaction position resolution simulations and in-beam measurements of the AGATA HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 96-109.	1.6	44
61	Band termination in the $N=Z$ odd-odd nucleus $^{46}\text{V}$ . Physical Review C, 1999, 60, .	2.9	43
62	Backbending region study in $^{160,162}\text{Dy}$ using incomplete fusion reactions. Physical Review C, 2002, 66, .	2.9	43
63	Discovery of a new isomeric state in $^{68}\text{Ni}$ : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	2.9	43
64	Decay of a narrow and high spin $^{24}\text{Mg}+^{24}\text{Mg}$ resonance. Nuclear Physics A, 2008, 801, 1-20.	1.5	42
65	Excited states in $^{52}\text{Fe}$ and the origin of the yrast trap at $I^\pi=12^+$ . Physical Review C, 1998, 58, 3163-3170.	2.9	41
66	Coherent proton-neutron contribution to octupole correlations in the neutron-deficient $^{114}\text{Xe}$ nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 93-102.	4.1	41
67	Observation of $^{54}\text{Ni}$ : Cross-Conjugate Symmetry in $7/2$ Mirror Energy Differences. Physical Review Letters, 2006, 97, 152501.	7.8	41
68	Production of very neutron-deficient isotopes near Sn via reactions involving light-particle and cluster emission. Nuclear Physics A, 2000, 669, 43-50.	1.5	40
69	Coulomb energy differences between isobaric analogue states in $^{70}\text{Br}$ and $^{70}\text{Se}$ . European Physical Journal A, 2001, 12, 51-55.	2.5	40
70	Isospin mixing in the $N=Z$ nucleus $^{64}\text{Ge}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 56-62.	4.1	40
71	Digital pulse-shape analysis with a TRACE early silicon prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 241-246.	1.6	40
72	Excitation functions for $^{208}\text{Fr}$ produced in the $^{18}\text{O}+^{197}\text{Au}$ fusion reaction. Physical Review C, 2005, 71, .	2.9	39

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73	clean transfer reactions in the $^{40}\text{Ar} + ^{208}\text{Pb}$ system. Physical Review Letters, 2016, 117, 062501.	2.9	39
74	Superdeformed and Triaxial States in $^{42}\text{Ca}$ . Physical Review Letters, 2016, 117, 062501.	7.8	39
75	Band termination and second backbending in $^{50}\text{Cr}$ . Physical Review C, 1997, 56, 1313-1319.	2.9	38
76	$\beta^2$ decay of $^{98}\text{Ag}$ : Evidence for the Gamow-Teller resonance near $^{100}\text{Sn}$ . Physical Review C, 2000, 62, .	2.9	37
77	Survey of $E1$ transitions in the mass $A \approx 46$ region. Physical Review C, 2004, 69, .	2.9	36
78	Fusion-evaporation cross-sections for $^{48}\text{Ca} + ^{154}\text{Sm}$ near the Coulomb barrier. European Physical Journal A, 2005, 23, 473-480.	2.5	36
79	Test of the critical point symmetry $X(5)$ in the mass $A = 180$ region. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1427-S1432.	3.6	36
80	Structure of high-spin states in $^{89}\text{Sr}$ and $^{90}\text{Sr}$ . Physical Review C, 2001, 63, .	2.9	35
81	Excited bands and signature dependent electromagnetic decay properties in neutron-rich $^{159,161,163}\text{Dy}$ . Physical Review C, 2003, 67, .	2.9	35
82	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	4.1	34
83	NEDA – NEutron Detector Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.	1.6	34
84	Signature Inversion Caused by Triaxiality and Unpaired Band Crossings in $^{72}\text{r}$ . Physical Review Letters, 2000, 85, 2454-2457.	7.8	33
85	Nonyrast states in the odd-odd $N=Z$ nucleus $^{62}\text{Ga}$ . Physical Review C, 2004, 69, .	2.9	33
86	Investigation of lifetimes in dipole bands of $^{142}\text{Gd}$ . European Physical Journal A, 2005, 23, 191-196.	2.5	33
87	states in $^{90}\text{Zr}$ . Physical Review Letters, 2000, 85, 2454-2457.	2.9	33
88	Development of magnetic rotation in light Gd nuclei; study of $^{142}\text{Gd}$ . European Physical Journal A, 2002, 13, 297-305.	2.5	32
89	Yrast isomers in $^{95}\text{Ag}$ , $^{95}\text{Pd}$ , and $^{94}\text{Pd}$ . Physical Review C, 2003, 67, .	2.9	32
90	Four-quasiparticle alignments in $^{66}\text{Ge}$ . Physical Review C, 2003, 67, .	2.9	32

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91	Investigation of lifetimes in dipole bands of $^{141}\text{Eu}$ . European Physical Journal A, 2004, 21, 1-6.	2.5	32
92	$\beta$ -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32
93	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	2.5	32
94	$\beta$ decays of neutron-rich $^{120}\text{Sn}$ isotopes. Physical Review C, 2014, 89, .	2.9	31
95	Boundary of the Island of Deformat. Physical Review Letters, 2017, 118, 162501.	7.8	31
96	Observation of the $N=Z=44$ nucleus. Physical Review C, 2001, 63, .	2.9	30
97	Monte Carlo simulation of a single detector unit for the neutron detector array NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 673, 64-72.	1.6	30
98	Delayed alignments in the $N=Z$ nuclei $^{84}\text{Mo}$ and $^{88}\text{Ru}$ . Physical Review C, 2002, 65, .	2.9	29
99	Study of the neutron-rich nucleus $^{36}\text{Si}$ . Physical Review C, 2006, 74, .	2.9	29
100	Spectroscopy of neutron-rich $^{168}\text{Dy}$ isotopes. Physical Review C, 2006, 74, .	2.9	29
101	Yrast band evolution close to the $N=Z$ line. Physical Review C, 2008, 77, .	2.9	29
102	Structure of chlorine isotopes populated by heavy ion transfer reactions. Physical Review C, 2013, 87, .	2.9	29
103	Simulation of light collection in scintillators with rough surfaces. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 350, 184-191.	1.6	28
104	Lifetimes in the middle of shell: cross-conjugated nuclei $^{47}\text{V}$ and $^{49}\text{Cr}$ . Nuclear Physics A, 2001, 693, 517-532.	1.5	28
105	Excited states in $^{103}\text{Sn}$ : Neutron single-particle energies with respect to $^{100}\text{Sn}$ . Physical Review C, 2001, 63, .	2.9	28
106	Yrast structure of the neutron-rich $^{31}\text{Ca}$ isotopes. Physical Review C, 2008, 77, .	2.9	28
107	Decay Out of the Yrast and Excited Highly Deformed Bands in the Even-Even Nucleus $^{134}\text{Nd}$ . Physical Review Letters, 1996, 77, 239-242.	7.8	27
108	The population of deformed bands in $^{48}\text{Cr}$ by emission of $^8\text{Be}$ from the $^{32}\text{S} + ^{24}\text{Mg}$ reaction. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1405-1420.	3.6	27
109	Shape coexistence at high spin in the $N=Z=2$ nucleus $^{70}\text{Se}$ . Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2617-2625.	3.6	27

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109	Fine structure of the Gamow-Teller resonance revealed in the decay of $^{150}\text{Ho}$ isomer. Physical Review C, 2003, 68, .	2.9	27
110	High spin structure of $^{54}\text{S}$ and the proton-neutron coupling of intruder states. Physical Review C, 2005, 71, .	2.9	27
111	High spin structure and intruder configurations in $^{31}\text{P}$ . Physical Review C, 2006, 73, .	2.9	27
112	$\beta$ -ray spectroscopy of the neutron-rich nuclei $^{89}\text{Rb}$ and $^{89}\text{Y}$ . Physical Review C, 2006, 73, .	2.9	27
113	Spectroscopy in the second well of the $^{148}\text{Gd}$ nucleus: Two quasiparticle and collective excitations. Physical Review C, 1996, 53, 679-688.	2.9	26
114	Emission of intermediate mass fragments using $\beta$ -spectroscopic techniques. Physical Review C, 1998, 57, R457-R461.	2.9	26
115	Fragment spin as a function of the mass asymmetry in heavy ion induced fission reactions. Physical Review C, 1999, 60, .	2.9	26
116	Coexistence of Superdeformed Shapes in $^{154}\text{r}$ . Physical Review Letters, 2001, 87, .	7.8	26
117	Coherent Contributions to Isospin Mixing in the Mirror Pair $^{67}\text{As}$ and $^{67}\text{Cu}$ . Physical Review C, 2006, 73, .	7.8	26
118	Shell evolution beyond $^{40}\text{N}$ and $^{71}\text{Cu}$ . Physical Review C, 2015, 91, .	2.9	26
119	Very high rotational frequencies and band termination in $^{73}\text{Br}$ . Physical Review C, 2000, 62, .	2.9	25
120	Gamow-Teller strength distribution near $^{100}\text{Sn}$ . The beta decay of $^{102}\text{In}$ . Nuclear Physics A, 2003, 724, 313-332.	1.5	25
121	Binary reaction decays from $^{24}\text{Mg} + ^{12}\text{C}$ . Physical Review C, 2009, 80, .	2.9	25
122	Multitude of $^{124}\text{Sn}$ states in $^{124}\text{Sn}$ observed via the $^{124}\text{Sn}(\alpha, n)^{127}\text{Sb}$ reaction. Physical Review C, 2015, 91, .	2.9	25



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127	Pygmy dipole resonance in $^{127}\text{Tl}$ . <i>Physical Review C</i> , 2016, 93, 044307. doi:10.1103/PhysRevC.93.044307	2.9	24
128	Search for pairing-vibration states of even Ca isotopes in $^{40}\text{Ca} + ^{208}\text{Pb}$ transfer reactions. <i>European Physical Journal A</i> , 2004, 21, 87-91.	2.9	24
129	Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 897, 59-65.	1.6	24
130	Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus $^{88}\text{Ru}$ . <i>Physical Review Letters</i> , 2020, 124, 062501.	7.8	24
131	$^{\hat{3}}\text{S}$ Spectroscopy of $^{209}\text{Pb}$ with deep inelastic reactions. <i>European Physical Journal A</i> , 1998, 1, 261-266.	2.5	23
132	Decay-out of the yrast superdeformed band in $^{136}\text{Nd}$ : Towards an experimental extraction of the neutron pairing gap at large deformation. <i>Physical Review C</i> , 1999, 60, .	2.9	23
133	Pronounced shape change induced by quasiparticle alignment. <i>Physical Review C</i> , 2000, 61, .	2.9	23
134	Search for pairing-vibration states of even Ca isotopes in $^{40}\text{Ca} + ^{208}\text{Pb}$ transfer reactions. <i>European Physical Journal A</i> , 2004, 21, 87-91.	2.5	23
135	Shape evolution in the neutron-rich cesium isotopes. Prompt $^{\hat{3}}\text{S}$ -ray spectroscopy of $^{196}\text{Os}$ . <i>Physical Review C</i> , 2014, 89, 044307.	2.9	23
136	Test of digital neutron $\gamma$ -discrimination with four different photomultiplier tubes for the NEutron Detector Array (NEDA). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 767, 83-91.	1.6	23
137	Conceptual design of the early implementation of the NEutron Detector Array (NEDA) with AGATA. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	23
138	The $4\pi$ highly-efficient light-charged-particle detector EUCLIDES, installed at the GALILEO array for in-beam $^{\hat{3}}\text{S}$ -ray spectroscopy. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	23
139	First measurement of $\hat{2}$ -decay properties of the proton drip-line nucleus $^{60}\text{Ga}$ . <i>European Physical Journal A</i> , 2001, 12, 269-277.	2.5	22
140	Lifetime study of particle-hole excitations in the semimagic nucleus $^{93}\text{Tc}$ . <i>Physical Review C</i> , 2003, 68, .	2.9	22
141	High-spin states in the nuclei $^{91}\text{Y}$ and $^{95}\text{Nb}$ . <i>Physical Review C</i> , 2005, 71, .	2.9	22
142	Structure of the As, Ge, Ga nuclei. <i>Nuclear Physics A</i> , 2012, 893, 1-12.	1.5	22
143	Identification of a millisecond isomeric state in $^{81}\text{Cd}$ . <i>Physical Review Letters</i> , 2014, 112, 082501.	4.1	22
144	On the Road to FAIR: 1st Operation of AGATA in PreSPEC at GSI. EPJ Web of Conferences, 2014, 66, 02083.	0.3	22

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145	Quadrupole collectivity in $^{60}\text{Sn}$ probed via $^{116}\text{Sn}$ $\gamma$ -ray spectroscopy of $^{60}\text{Sn}$ using the particle $\gamma$ -ray detector array AGATA. Physical Review C, 2018, 97, .	2.9	22
146	Structure of high spin states in $^{104}\text{Sn}$ : E2 and E3 polarization of the $^{100}\text{Sn}$ core. Physical Review C, 1998, 58, 108-115.	2.9	22
147	High-spin states in $^{208}\text{Pb}$ . European Physical Journal A, 2001, 10, 259-265.	2.5	21
149	Fusion hindrance and quasi-fission in $^{48}\text{Ca}$ induced reactions. European Physical Journal A, 2005, 25, 615-618.	2.5	21
150	Investigation of lifetimes in the dipole band of $^{139}\text{Sm}$ . European Physical Journal A, 2008, 37, 279-286.	2.5	21
151	Lifetime measurements of neutron-rich nuclei around $^{48}\text{Ca}$ with the CLARA-PRISMA setup. European Physical Journal A, 2009, 42, 387.	2.5	21
152	The GALILEO $\gamma$ -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	1.6	21
153	Rotational quenching of the $N = 72$ shell gap and the role of the intruder orbital in $^{132}\text{Nd}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 223-230.	4.1	20
154	High-K band of unnatural parity in $^{49}\text{Cr}$ . Physical Review C, 1999, 60, .	2.9	20
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